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Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

**Complete if Known**

<b>Application Number</b>	10/666,191
<b>Filing Date</b>	September 17, 2003
<b>First Named Inventor</b>	Laszlo Prokai
<b>Art Unit</b>	1614
<b>Examiner Name</b>	

Sheet	1	of	3	Attorney Docket Number	UF-300XC2
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U.S. PATENT DOCUMENTS

/Barbara Badio/

12/12/2006

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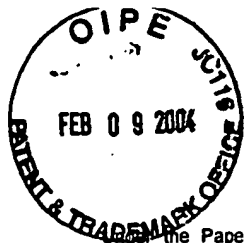
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				Filing Date	September 17, 2003
				First Named Inventor	Laszlo Prokai
				Group Art Unit	1614
				Examiner Name	
Sheet	2	of	3	Attorney Docket Number	UF-300XC2

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
BB	R1	BREUER, H. and KOSTER, G. (1974) "Interaction Between Oestrogens and Neurotransmitters at the Hypophysial-Hypothalamic Level." <i>Journal of Steroid Biochemistry</i> . Vol. 5, pp. 961-967.		
	R2	GALDECKI, Z., P. et al. (1987) "Structure of 2,4-Dibromo-10 $\beta$ , 17 $\beta$ -dihydroxy-1,4-estradien-3-one" <i>Acta Cryst.</i> Vol. c43, pages 967-968.		
	R3	HIEMKE, C. et al. (1992) "Actions of Sex Hormones on the Brain." <i>Prog. Neuro-Psychopharmacol. &amp; Biol.Psychiat.</i> Vol. 16, pp. 377-388.		
	R4	KUPFER, RENE, LONG YU LIU, ALBAN J. ALLENTOFF, JOHN A. THOMPSON (2001) "Comparisons of Hydroperoxide Isomerase and Monooxygenase Activities of Cytochrome P450 for Conversions of Allylic Hydroperoxides and Alcohols to Epoxyalcohols and Diols: Probing Substrate Reorientation in the Active Site" <i>Biochemistry</i> 40:11490-11501.		
	R5	LIANG, Y. et al. (2001) "Membrane fluidity effects of estratrienes." <i>Brain Research Bulletin</i> . Vol. 54, No. 6, pp. 661-668.		
	R6	MCCULLOUGH, LOUISE D. and PATRICIA D. HURN (July 2003) "Estrogen and Ischemic Neuroprotection: an integrated view" <i>Trends in Endocrinology and Metabolism</i> 14(5):228-235.		
	R7	MILIC, D. et al.(1999) "X-Ray Crystal Structure of 10 $\beta$ -Hydroxy-4 $\beta$ ,5 $\beta$ -epoxyestr-1-en-3,17-dione and Antitumor Activity of its Congeners" <i>Molecules</i> , Vol. 4, pp.338-352.		
	R8	MILIC, D. et al. (1997) "The Synthesis and Biological Evaluation of A-Ring Substituted Steroidal <i>p</i> -Quinones" <i>Tetrahedron</i> , Vol. 53, No. 41, pp. 14073-14084.		
	R9	MILIC, D. et al. (1997) "Structure and Reactivity of Steroidal Quinones" <i>J. Serb. Chem. Soc.</i> , Vol. 62, No. 9, pp. 755-768.		
	R10	NILSEN, J. and BRINTON, D. (2003) "Divergent Impact of Progesterone and Medroxyprogesterone Acetate (Provera) on Nuclear Mitogen-activated Protein Kinase Signaling." Vol. 100, No. 18, pp.10506-10511.		
	R11	NILSEN, JON and ROBERTA DIAZ BRINTON (January 2002) "Impact of Progestins on Estrogen-Induced Neuroprotection: Synergy by Progesterone and 19-Norprogesterone and Antagonism by Medroxyprogesterone Acetate" <i>Endocrinology</i> 143(1):205-212.		
BB	R12	NUMAZAWA, MITSUTERU, KUMIKO HOSHI, KATSUHIKO KIMURA (1989) "Oxygenation of 2,4-Dibromoestrogens with Nitric Acid: A New Synthesis of 19-Nor Steroids" <i>Chem. Pharm Bull.</i> 37(8):2058-2062.		

Examiner Signature	/Barbara Badio/	Date Considered	12/12/2006
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STATEMENT BY APPLICANT**

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Application Number	10/666,191
Filing Date	September 17, 2003
First Named Inventor	Laszlo Prokai
Group Art Unit	1614
Examiner Name	
Attorney Docket Number	UF-300XC2

Sheet 3 of 3

**NON PATENT LITERATURE DOCUMENTS**

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BB	R1	OHE, TOMOYUKI, MASAOKI HIROBE, TADAHIKO MASHINO (2000) "Novel Metabolic Pathway of Estrone and 17 $\beta$ -Estradiol Catalyzed by Cytochrome P-450" <i>Drug Metabolism and Disposition</i> 28(2):110-112.	
	R2	PROKAI, K. et al. (2003) "Modifying Peptide Properties by Prodrug Design For Enhanced Transport into CNS." <i>Progress in Drug Research</i> , Vol. 61, pp. 158-188.	
	R3	PROKAI, L. et al. (2003) "Quinol-based Cyclic Antioxidant Mechanism in Estrogen Neuroprotection" <i>PNAS</i> , Vol. 100 No. 20, pp. 11741-11746.	
	R4	PROKAI, L. et al. (2003) "Short Communication: Quinol-Based Metabolic Cycle For Estrogens in Rat Liver Microsomes" <i>Drug and Metabolism and Disposition</i> , Vol. 31, No. 6, pp. 701-704.	
	R5	PROKAI, L. et al. (2001) "Synthesis and Biological Evaluation of 17 $\beta$ -Alkoxyestra-1,3,5(10)-trienes as Potential Neuroprotectants Against Oxidative Stress" <i>J. Med. Chem.</i> , Vol. 44, pp. 110-114.	
	R6	PROKAI, L., et al. (2000) "Targeting Drugs to the Brain by Redox Chemical Delivery Systems" <i>Med. Res. Rev.</i> , Vol. 20, No. 5, pp. 367-416.	
BB	R7	SOLAJA, B. et al. (1996) "A Novel <i>m</i> -CPBA Oxidation: <i>p</i> -Quinols and Epoxyquinols from Phenols" <i>Tetrahedron Letters</i> , Vol. 37, No. 21, pp. 3765-3768.	
	R8		
	R9		
	R10		
	R11		
	R12		

Examiner  
Signature

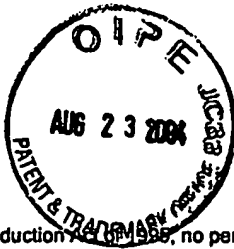
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12/12/2006

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Application Number	10/666,191
Filing Date	09/17/2003
First Named Inventor	Laszlo Prokai
Art Unit	1614
Examiner Name	Unknown
Attorney Docket Number	UF-300XC2

Sheet

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**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
BB	U1	US- 5,891,878	04-06-1999	Beasley <i>et al.</i>	All
	U2	US-			
	U3	US-			
	U4	US-			
	U5	US-			
	U6	US-			
	U7	US-			
	U8	US-			
	U9	US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
	F1					
	F2					
	F3					
	F4					
	F5					
	F6					
	F7					

Examiner  
Signature

/Barbara Badio/

Date  
Considered

12/12/2006

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			Application Number	40/405,413	
			Filing Date	April 2, 2003	
			First Named Inventor	Laszlo Prokai	
			Art Unit	1614	
			Examiner Name	Not yet assigned	
Sheet	1	of	2	Attorney Docket Number	UF-300XC1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
BB	U1	US-2,910,486 A	10-27-1959	James Jiu	
	U2	US-			
	U3	US-			
	U4	US-			
	U5	US-			
	U6	US-			
	U7	US-			
	U8	US-			
	U9	US-			

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BB	F1	WO 03/084978 A		10-16-2003	University of Florida	
	F2					
	F3					
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BB	R1	BEERS, M.H. and R. BERKOW, Editors, The Merck Manual of diagnosis and therapy, pages 471-473 and pages 1942-1944 (1999) Merck Research Laboratories, Whitehouse Station, N.J. USA.	
BB	R2	LUPON, P. et al. (1983) "Photooxygenierung von Oestrogenen: Eine Neu 19-Norsteroid-Synthese" Verlagsgesellschaft, Weinheim, DE, Vol. 95, No. 9, page 757.	
BB	R3	SEDEE, A.G. J. et al. (1983) <sup>Synthesis</sup> "A synthesis for p-quinol compounds from phenols fused with other saturated rings" Tetrahedron Letters 24(51):5779-5780.	
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BB	U1	US 2003/0050295 A1	03-13-2003	Iok-Hou Pang	All
BB	U2	US 2003/0105167 A1	06-05-2003	James Alan Dykens	All
BB	U3	US 2004/0214806 A1	10-28-2004	Iok-Hou Pang	All

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	F1					
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	R1		
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